**QUIZ REVIEW - STATISTICS**

Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| **1.** On a trip Mrs. Lee got 25, 23, 31, 28, and 34 miles per gallon. How many miles per gallon would I have to get on the last gallon to make my average miles per gallon above 30? |
| Is this a reasonable value? Explain. |
| **3.** What is the mean/median/mode. Which measure of central tendency best describes the data? Explain your reasoning.  90, 93, 86, 54, 90, 83 |
| **4.** What is statistics? |
| **5.** When do you use statistics? Why is statistical analysis important? |
| **6.** What is a double-stem-and-leaf plot? When would you use it? |